

Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG100523\
 Data File : BG059291.D
 Acq On : 5 Oct 2023 11:15
 Operator : MA/JU
 Sample : 04527-04
 Misc :
 ALS Vial : 5 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 EZYK5

Manual Integrations
 APPROVED

Reviewed By :Yogesh Patel 10/06/2023
 Supervised By :mohammad ahmed 10/06/2023

Quant Time: Oct 05 23:19:07 2023
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_G\Methods\SFAM-EPA-BG092723.MA.M
 Quant Title : SVOA CALIBRATION
 QLast Update : Thu Sep 28 04:33:25 2023
 Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)

Internal Standards						
1) 1,4-Dichlorobenzene-d4	8.229	152	44224	20.000	ng/u1	0.00
20) Naphthalene-d8	11.073	136	209262	20.000	ng/u1	0.00
38) Acenaphthene-d10	14.863	164	120735	20.000	ng/u1	0.00
64) Phenanthrene-d10	17.613	188	255984	20.000	ng/u1	0.00
79) Chrysene-d12	21.908	240	218191	20.000	ng/u1	-0.01
88) Perylene-d12	25.398	264	249425	20.000	ng/u1	-0.01
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.535	96	2224	1.898	ng/uL	0.00
4) Pyridine-d5	3.976	84	4864	1.423	ng/u1	0.00
7) Phenol-d5	7.360	99	53537	12.094	ng/u1	0.00
9) Bis-(2-Chloroethyl)eth...	7.548	67	34914	12.346	ng/u1	0.00
11) 2-Chlorophenol-d4	7.748	132	40983	13.773	ng/u1	0.00
15) 4-Methylphenol-d8	8.923	113	23833	6.965	ng/u1	0.00
21) Nitrobenzene-d5	9.428	128	20536	13.907	ng/u1	0.00
24) 2-Nitrophenol-d4	10.139	143	24214	16.703	ng/u1	-0.01
28) 2,4-Dichlorophenol-d3	10.674	165	39489	13.260	ng/u1	0.00
31) 4-Chloroaniline-d4	11.220	131	16064	3.334	ng/u1	0.00
46) Dimethylphthalate-d6	14.258	166	137043	15.699	ng/u1	0.00
49) Acenaphthylene-d8	14.563	160	168385	15.368	ng/u1	0.00
54) 4-Nitrophenol-d4	15.057	143	1752m	1.149	ng/u1	0.00
60) Fluorene-d10	15.850	176	132637	15.965	ng/u1	0.00
65) 4,6-Dinitro-2-methylph...	15.956	200	1906	1.449	ng/u1	0.00
73) Anthracene-d10	17.707	188	190566	16.338	ng/u1	-0.01
81) Pyrene-d10	19.980	212	211345	17.297	ng/u1	-0.01
92) Benzo(a)pyrene-d12	25.145	264	197598	16.486	ng/u1	-0.02
Target Compounds					Qvalue	
16) Acetophenone	9.076	105	18792	3.546	ng/u1	95
87) Chrysene	21.955	228	24745m	1.706	ng/u1	
90) Benzo(b)fluoranthene	24.258	252	29758m	1.948	ng/u1	
93) Benzo(a)pyrene	25.215	252	14564	1.005	ng/u1#	64
96) Benzo(g,h,i)perylene	30.674	276	27121m	2.033	ng/u1	

(#) = qualifier out of range (m) = manual integration (+) = signals summed

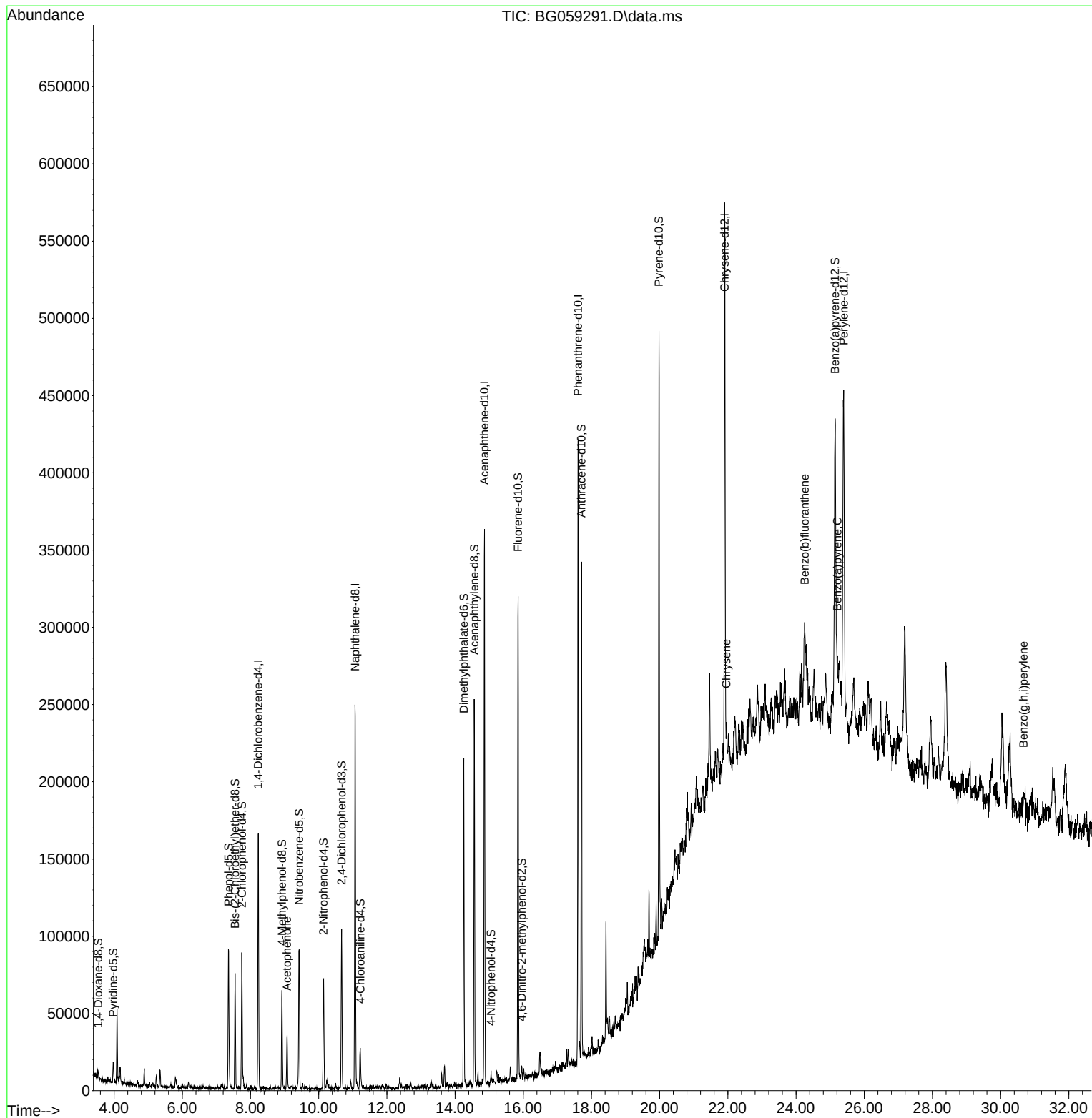
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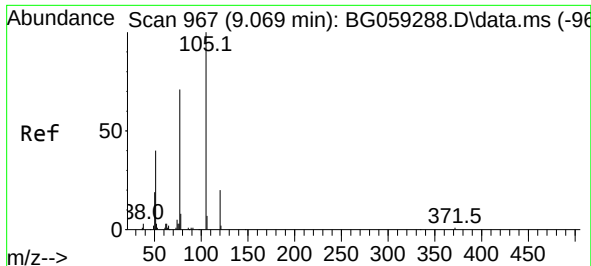
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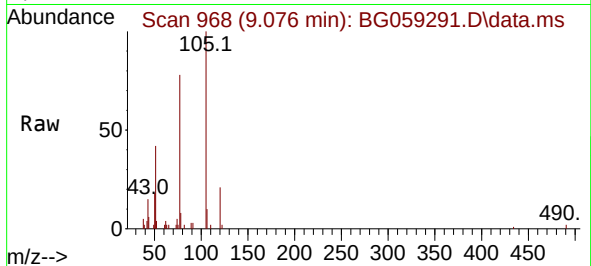
Quant Time: Oct 05 23:19:07 2023
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_G\Methods\SFAM-EPA-BG092723.MA.M
 Quant Title : SVOA CALIBRATION
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#16
Acetophenone
Concen: 3.546 ng/ul
RT: 9.076 min Scan# 90
Delta R.T. -0.002 min
Lab File: BG059291.D
Acq: 5 Oct 2023 11:15

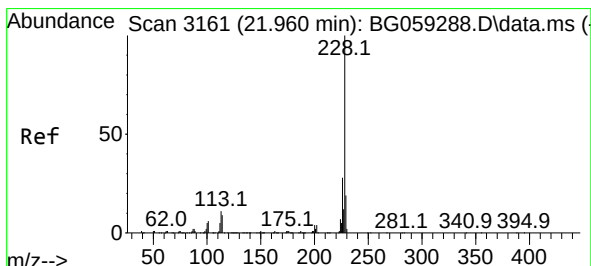
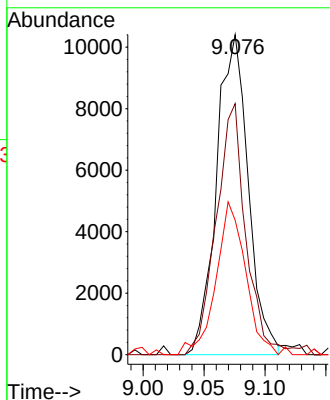
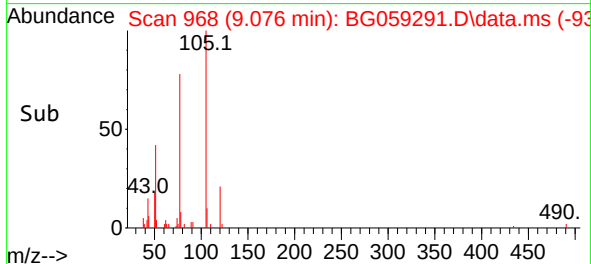
Instrument :
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ClientSampleId :
EZYK5



Tgt Ion:105 Resp: 18792
Ion Ratio Lower Upper
105 100
77 78.4 58.8 88.2
51 42.0 32.6 48.8

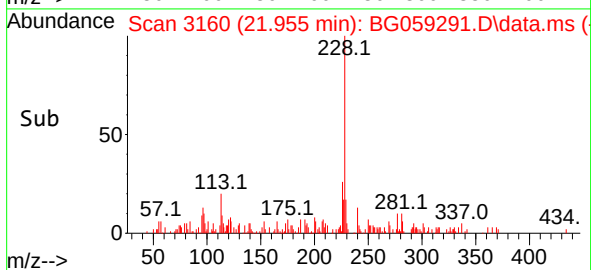
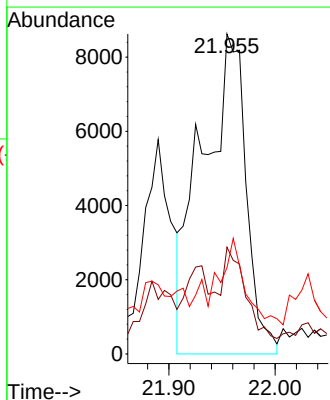
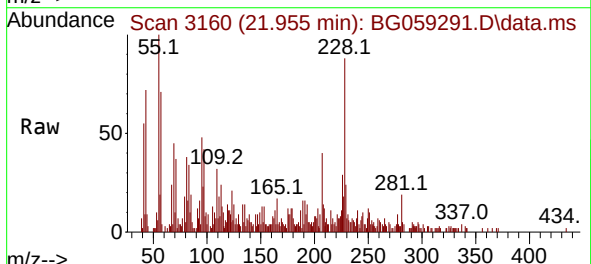
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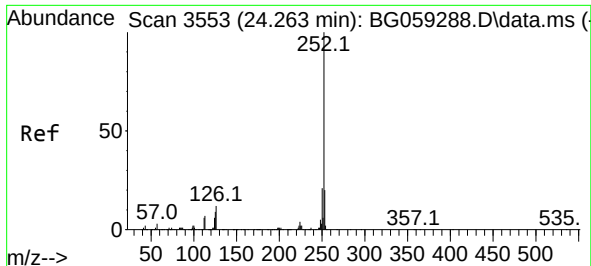
Reviewed By :Yogesh Patel 10/06/2023
Supervised By :mohammad ahmed 10/06/2023



#87
Chrysene
Concen: 1.706 ng/ul m
RT: 21.955 min Scan# 3160
Delta R.T. -0.019 min
Lab File: BG059291.D
Acq: 5 Oct 2023 11:15

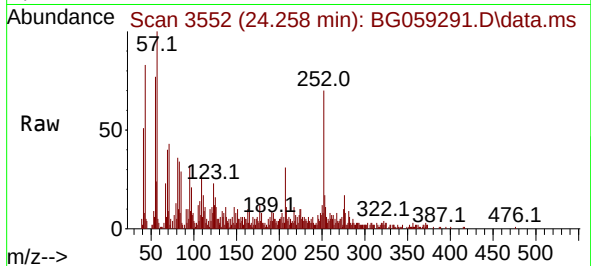
Tgt Ion:228 Resp: 24745
Ion Ratio Lower Upper
228 100
226 33.4 24.2 36.4
229 27.0 16.2 24.2#





#90
Benzo(b)fluoranthene
Concen: 1.948 ng/ul m
RT: 24.258 min Scan# 3553
Delta R.T. -0.025 min
Lab File: BG059291.D
Acq: 5 Oct 2023 11:15

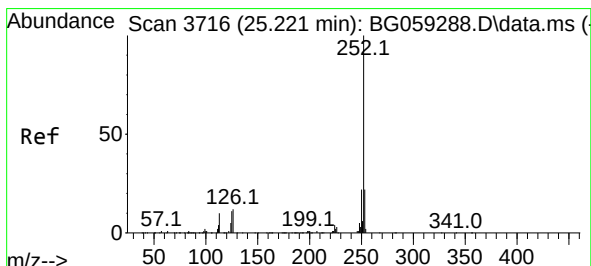
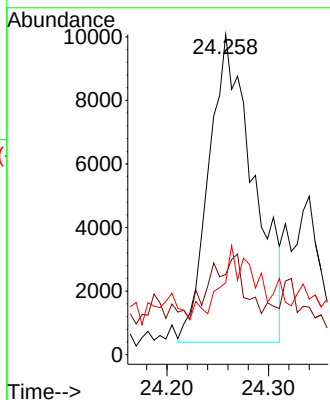
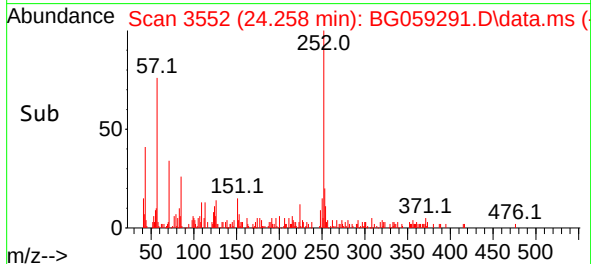
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Tgt Ion:252 Resp: 29758
Ion Ratio Lower Upper
252 100
253 25.1 18.0 27.0
125 22.5 8.1 12.1

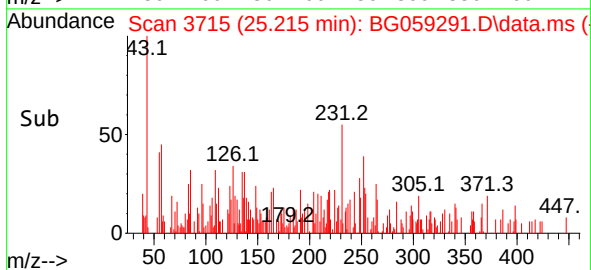
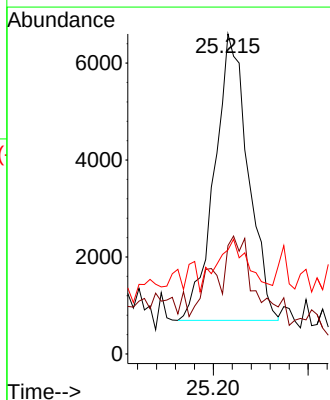
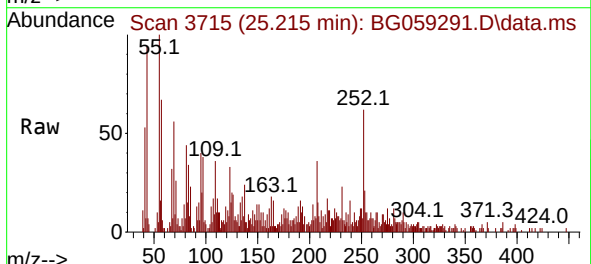
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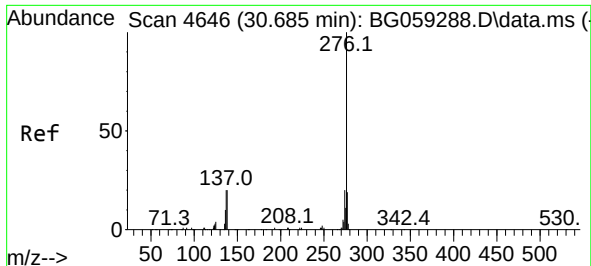
Reviewed By :Yogesh Patel 10/06/2023
Supervised By :mohammad ahmed 10/06/2023



#93
Benzo(a)pyrene
Concen: 1.005 ng/ul
RT: 25.215 min Scan# 3715
Delta R.T. -0.025 min
Lab File: BG059291.D
Acq: 5 Oct 2023 11:15

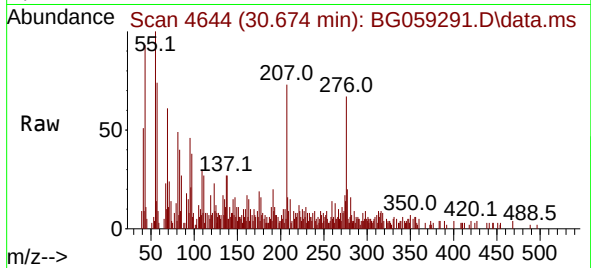
Tgt Ion:252 Resp: 14564
Ion Ratio Lower Upper
252 100
253 33.8 17.2 25.8#
125 32.5 9.4 14.0#





#96
Benzo(g,h,i)perylene
Concen: 2.033 ng/ul m
RT: 30.674 min Scan# 4
Delta R.T. -0.037 min
Lab File: BG059291.D
Acq: 5 Oct 2023 11:15

Instrument :
BNA_G
ClientSampleId :
EZYK5



Tgt Ion: 276 Resp: 2712
Ion Ratio Lower Upper
276 100
138 40.5 16.6 25.0
277 30.5 20.0 30.0

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